

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Shelby County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AdD2: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41	Slope	0.01
		Shrink-swell	1.00	Slope	0.01		
		Depth to saturated zone	0.19				
		Slope	0.01				
AdF2: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	1.00				
		Depth to saturated zone	0.19				
AdH2: Adair-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41		
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				
AsD3: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.41	Slope	0.01
		Shrink-swell	1.00	Slope	0.01		
		Depth to saturated zone	0.19				
		Slope	0.01				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AsF3: Adair-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.41		
		Slope	1.00				
		Depth to saturated zone	0.19				
CdD2: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00	Too clayey	0.50	Slope	0.01
		Shrink-swell	1.00	Slope	0.01		
		Depth to saturated zone	0.19				
		Slope	0.01				
CdF2: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.50		
		Slope	1.00				
		Depth to saturated zone	0.19				
Cm: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CnD3: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	0.50	Depth to saturated zone	0.19
		Shrink-swell	1.00	Slope	0.01	Slope	0.01
		Depth to saturated zone	0.19				
		Slope	0.01				
CnF3: Clarinda-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.50	Depth to saturated zone	0.19
		Slope	1.00				
		Depth to saturated zone	0.19				
Co: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
Cr: Colo-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
Cs: Corley-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ct: Corley-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
DoE3: Dow-----	100	Very limited Frost action Low strength Slope	1.00 1.00 1.00 0.37	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37
DoF3: Dow-----	100	Very limited Frost action Slope Low strength	1.00 1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdC3: Ida-----	100	Very limited Frost action Low strength	1.00 1.00 1.00	Not limited		Not limited	
IdD3: Ida-----	100	Very limited Frost action Low strength Slope	1.00 1.00 1.00 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
IdE3: Ida-----	100	Very limited Frost action Low strength Slope	1.00 1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
IdF3: Ida-----	100	Very limited Frost action Slope Low strength	1.00 1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
IdG3: Ida-----	100	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdH3: Ida-----	100	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
IdI3: Ida-----	100	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
JdA: Judson-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
JdB: Judson-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
JdC: Judson-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
JnB: Judson-----	30	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Nodaway-----	30	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
Colo-----	20	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
JnC: Judson-----	65	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
Nodaway-----	20	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
Colo-----	15	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
JzB: Judson-----	30	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Nodaway-----	30	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
Zook-----	20	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Too clayey	1.00
		Flooding	1.00	Too clayey	0.02	Flooding	0.60
		Low strength	1.00				
		Shrink-swell	1.00				
JzC: Judson-----	60	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
Nodaway-----	20	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
Zook-----	20	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00	Too clayey	0.01		
		Low strength	1.00				
		Shrink-swell	1.00				
Kb: Kennebec-----	98	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Kc: Kennebec-----	96	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
MaA: Marshall-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MaB: Marshall-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MaC2: Marshall-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MaD2: Marshall-----	100	Very limited Frost action	1.00	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Low strength	1.00				
		Shrink-swell	0.50				
		Slope	0.16				
MaE2: Marshall-----	100	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00				
		Slope	0.63				
		Shrink-swell	0.50				
MaF2: Marshall-----	100	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Slope	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MaH2: Marshall-----	100	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
MbA: Marshall-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
MbB: Marshall-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
MbC2: Marshall-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
MbD2: Marshall-----	100	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 0.50 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
McC3: Marshall-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
McD3: Marshall-----	100	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 0.50 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
McE3: Marshall-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 0.63 0.50	Somewhat limited Slope	 0.63	Somewhat limited Slope	 0.63
McF3: Marshall-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
McG3: Marshall-----	100	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
McI3: Marshall-----	100	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
MdD3: Marshall-----	100	Very limited Frost action Low strength Shrink-swell Slope	 1.00 1.00 0.50 0.16	Somewhat limited Slope	 0.16	Somewhat limited Slope	 0.16
MdE3: Marshall-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 0.63 0.50	Somewhat limited Slope	 0.63	Somewhat limited Slope	 0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Me: Minden-----	98	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
Mn: Minden-----	98	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MoB2: Monona-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MoC2: Monona-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MoC3: Monona-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
MoD2: Monona-----	100	Very limited Frost action	1.00	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Low strength	1.00				
		Shrink-swell	0.50				
		Slope	0.16				
MoD3: Monona-----	100	Very limited Frost action	1.00	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Low strength	1.00				
		Shrink-swell	0.50				
		Slope	0.16				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MoE2: Monona-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 0.63 0.50	Somewhat limited Slope	 0.63	Somewhat limited Slope	 0.63
MoE3: Monona-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 0.63 0.50	Somewhat limited Slope	 0.63	Somewhat limited Slope	 0.63
MoF2: Monona-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
MoF3: Monona-----	100	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
MoG2: Monona-----	100	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
MoG3: Monona-----	100	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MoI3: Monona-----	100	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
MtB: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
MtC2: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
MtD2: Monona-----	100	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 0.50 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
MtE3: Monona-----	100	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
No: Nodaway-----	98	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ns: Nodaway-----	98	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
ShD2: Shelby-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50				
		Slope	0.16				
ShE2: Shelby-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
ShF2: Shelby-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
ShG2: Shelby-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				
ShH2: Shelby-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.16		
		Shrink-swell	0.50				
		Frost action	0.50				

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SoD3: Shelby-----	100	Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.16	Somewhat limited Slope Depth to saturated zone	0.16 0.16	Somewhat limited Slope	0.16
SoE3: Shelby-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope Depth to saturated zone	0.63 0.16	Somewhat limited Slope	0.63
SoF3: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
SoG3: Shelby-----	100	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to saturated zone	1.00 0.16	Very limited Slope	1.00
SrD2: Steinauer-----	100	Very limited Low strength Shrink-swell Frost action Slope	1.00 0.50 0.50 0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
SrE2: Steinauer-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Shelby County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SrF2: Steinauer-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				
SrG2: Steinauer-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				
SsD3: Steinauer-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Shrink-swell	0.50				
		Frost action	0.50				
		Slope	0.16				
SsE3: Steinauer-----	100	Very limited Low strength	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Slope	0.63				
		Shrink-swell	0.50				
		Frost action	0.50				
SsF3: Steinauer-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				
Zc: Zook-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Too clayey	1.00
		Flooding	1.00	Too clayey	0.02	Flooding	0.60
		Low strength	1.00				
		Shrink-swell	1.00				

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Shelby County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Zo: Zook-----	96	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 1.00 0.60 0.02	Very limited Depth to saturated zone Too clayey Flooding	1.00 1.00 1.00 0.60
Zs: Zook-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60
Zy: Zook-----	96	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 1.00 0.60